# The Mining Journal

No. 376. -Vol. XII.]

LONDON: SATURDAY, NOVEMBER 5, 1842.

FORMING A COMPLETE RECORD OF THE PROCEEDINGS OF ALL PUBLIC COMPANIES.

PRICE 6D.

ALUABLE COLLIERY, near EDINBURGH, TO LET .-

TEAM-ENGINE.-TO BE SOLD, a PUMPING-ENGINE, with botters, pumps, steam and feed pipes, &c. &c. — For further partic at the office of this Journal, 1, Crass-court, Picet-street, London.

one advertisement, we append the following particulars for the interpretation of the properties of the

16 here Report an all the house of the flaging, &c., would be about #130c.—The only reason of the house of the flaging, &c., would be about #130c.—The only reason of the hoise parted with it, that the proprietor has no further use for it, he there we have the house of the house

THEAP STEAM-ENGINES.-HIGH-PRESSURE STEAM

ENGINES, on an improved and simple principle, may be UPON-TRENT IRON WORKS, at the following priors:—
Five horse power, for a future, believe include:
Five-horse power, for a future, believe include:
Ten-horse power, for a future, ditto.
Ten-horse power, for travelling, ditto.
Ten-horse power, for travelling, ditto.

ENRY THOMAS, MINING AGENT and MINERAL SURVEYOR, No. 5, GEORGE YARD, LOMBARD STREET, LONDON, log agractive undertaken, mineral property surveyed, and reports, pinna, &c., red on monerate terms. Office of consultation on mining operations, retrieve information on miners and guarries, arrangement of mining severales, and guarries, and surveyed and said off mineral property.

[ purchase and said off mineral prope

INING SHARES FOR SALE.—SOUTH CARADON,
TRESAVEAN, TRETHELLAN, CHARLESTOWN, HOLMSTON, and
IRR SHARES, in the REST DIVIDEND MINES, FOR SALE, on application
Theory, Jan. (Iron Redroth, Corpwell), at his offices, by, Threedon,
I. London.

OR SALE, BY CONTRACT, ONE SHARE, or ONE HURDREDTH PART, IN GOGGINAN SARE, IN CONSIDERATION OF THE PRINCIPALITY, It is elimited seven miles from the shipping tend evidening place of Absentatyth. The growth are considerable, with every

DVANTAGEOUS INVESTMENT .-- A gentleman embarked

SMOKE NUISANCE — ECONOMY OF FUEL WITHOUT

MUNTZ'S PATENT YELLOW METAL: Ship Sheathing and Botts. - The partnership between months. P. Grendell and Boos and

ANTI-VEGETATIVE CEMENT, -W. K. COLLING, the above CEMENT to the notice of Arthur W. K. C. confidently in

LOW RATES OF PREMIUMS. acribed capital of progress, the assured have to acribed capital of progress, yearly increasing, and

Age.	For One Year.	For Seron Plants.	Term of Life.
7h Bol	40 10 7	4000	4111
	17.	Alle	137

•	H	E								U								1	1	N	-
					75	11	ď.			-											
		Jul	-	-	-		No.		143		73	θ.			Ma	athe	70	Req.			
						79			100	en H	ter)	31									
				- 1	ECH	BEE	kT.	1.	8.	PR.B.	E KE		No.	Chi	-	-	9.7			75 -	
	730	-	s B.	En	rlei	100.	Rin	6		- 4	.118	6	John .	8. M	Deal	Ec. B	Mg.				
	Bu	beet	Emi	liket	130	. Rie	4.				- 13		Edm	Minde	d. Bu	dida	LB	150			

SHEFFIELD, ASHTON-UNDER-LYNE, & MANCHESTE RAILWAY.-TENDERS for LOANS.- The directors are prepared to GRAI

PAVING, SIXPENCE PER FOOT.—POLONCRAUS
PATENT DITUREN PAVING COMPANY, Room What, Mrand, Louise
This billionies forms excellent find walks, garden walks, there of controlled to the controlled form walks, garden walks, there of controlled forms are controlled for the controlled forms and believes, doe, and in particularly particula

# LAW INTELLIGENCE.

MANCHESTER GEOLOGICAL SOCIETY.

Armos rere again Consul-Ger line on this ailways on t

facility, t

ma was med must and white of the letter with central tion of the letter with tion of the letter with l

is not easily

stands the fract, the one being at the other, which the other, which the other is not the other than the other

ON CONDENSING AND PURIFYING NOXIOUS GASES, AND ARRESTING THE FUMES OF LEAD AND COPPER ORES.

17

and of the same of

mile por property of the property of the state of the sta

ONC CONDENSING AND FURIFIED NOXIOUS GASES, AND ARRESTING LIEF OF THE PURISON CALLED AND COUNTY OF CHARGE ORDER.

The long there is distriction to provide placetally the marker power and from the long of the power It has long been a desideratum to purify effectually the amoke generals It has long been a desideratum to purify effectually the amoke generated in extensive monufacturing and densely-populated towns, as well as to relieving the inhabitants in the vicinity of alkali, lead, and copper works, from ishaling the deletrious and naxions gases and vapours evolved during the process of making sulphate of soda, and of extracting lead and copper from their respective eres. It was only during the last session has a bill was introduced into, and passed, the Houses of Parliament, for Improving the town of Leeds, and the parties who had the conduct of that measure very wisely and properly inserted a clause compelling the manufacturers to consume, purify, or consistent the amoke generated in their

Conrul-General, and M. Telsserene, the scientific commission sent pur-Consul-General, and M. Teisserenc, the scientific commission sent pur-posely from France by the Ministry to make an official investigation into the Atmospheric Railway; Mr. Vignoles, the engineer, whose lectures, reports, and representations, have led to this inquiry; Mr. Bergin, of the Dublin and Kingstown Railway—which company are now extending that line on this new principle; and a number of gentlemen connected with railways on the continent, particularly Prance, Germany, and Spain. Major Luttermann, of the Hanoverian Engineers, and M. Hanaman, attended in their capacity of deputies from Hanover and numbers of the Railway m of that country. M. Teisserene and Major Luttermann made notes of the experiments. The whole were considered very satis ry, and it is probable a farourable report will be made to the foreign

Governments.

Store Castanta.—Among the numerous rements which have been been described under the notice of the public within the past few months, our affaution has been directed to one known as Colling and Ca.'s Rock Park Coment, which is, we believe, composed of an admixture of stone finely pulverised, miand with plastic substance and sand. Its accrits, as described in a prospectua before us, containt of its hardening by increased exposure to the atmosphere, until it assumes the appearance of stone, from which it is not easily distinguishable, either by fracture or otherwise, and its devaluability is proved by the fact, that, after having set for several years, it will reset after pulverisation and using it again; it requires neither paint ner colouring, does not throw out either vegetable or crystalline matter, stands the frust, and improves by keeping; there are two descriptions—the one being adapted for ornamountal work, from its setting quickly, and the other, which is more gradual in the process of setting, being recommended for exteriors of houses, &c.

Durk or Cornwala's Harmour and Laurerspore and Verynnia.

Treatise on Engineering Field. Work, comprising the Practice of S. Levelling, Laying out Works, &c. With unnecess Diagrams on By PETER BRUTY, C.E., Assoc. Inch. C. E. Second Part.—"Le Simpkin, Marshall, and Co. London. 1842.

may avoid falling into many "quagmires" which beart the path of the engineer in the early staget of his professional carrer.

Act to Amend and Commissair the Laws relating to Coppright of Designs, with Explanatory Notes, Practical Directions, Table of Pres, and Forms. By J. C. RODERYDON and Co. Londow. 1942.

The pumphlet under sotion given, as the substance of its pages, a copy of the Coppright of Designs' Act, from which it appears that the Act came into operation the 1st of September last, repealing several Acts which has been previously passed, and estending the privileges to artists and manufacturers who may be disposed to avail themselves of the powers granted by the Act, which may be tend to appreciate to that of the Law of Patents on a limited soits, although, to our mind, more simple and comprehensive. Lowever, as it may be, there can be no doubt that "explanatory notes are seen a sample as may be desired, yet we feel activitied the laws of patents in their capacity as a agents; without considering whether the explanatory notes are as ample as may be desired, yet we feel activitied that, or far as they go, they will be found useful, and evices a present knowledge of the activity, how notes, which are apposed to the several clauses, are copious; there are many which are also most perfect, and show the necessity of care being observed on the part of inventors to consoult some actimizaty, and not not on their own judgments. We do not wish to acticipate the objects of the authors of the pumphlet, or to detract from them any of the mirrantages they may calculate upon from its publication, and that, therefore, content they may calculate upon from its publication, and that, therefore, content to reason by recommending it to those interested in the subject on which its trees.

RIO DE ANORI GOLD STREAM WORKS COMPANY. took place on Monday, the 31st art., for one describes the best means of still prosecuting the undertaking the undertaking the under of shares which may be purchased by those feel disposed to contious the works, by payment of the sach purpose. There were, however (in addition to Mr. 1sry), but four gentlemes present, Means. Hart, Tottier, U and the business transacted by those gentlemen being one mature, it was consequently intimated to one respector that could be proceeded with. We have, however, understand measures will specify be adopted, and another meeting on!

— [We cannot well understand how a special meeting of construct at a private meeting, because a few only were we have reason to believe, are anxious to buy up the she may be highly valuable, but, as the meeting was of a puly sider the parties were wrong in excluding our reporter.]

WEST LONDON RAILWAY.

WEST LONDON RAILWAY.

The adjourned meeting of this company was held at the offices, Abchuse lane, on Wednesday, the 3d inst.

R. GUNTUR, Esq., in the chair.

The resolutions passed at the meeting, held on the 25th September, have been read, the CHAIRMAN explained, that this adjournment was made the purpose of requesting the exceitors of the company to extend the the flavour of the railway untill 1st January, or such earlier time as might be deemed convenient by the rectors. He was happy to say that, without a single exception, the cree tors had signed a paper, grunning the proposed extension of time; thus, e great difficulty had been got over—an additional number of shares had be subscribed for since the last meeting, but, in the present state of the on pany's affairs, the shareholders would see the propriety of not montaining a number taken up. The directions were in a little difficulty about Mr. Stephenson said it was quite unusual for the minutin of estimates to be policy exhibited before they were taken up, and their prediction at the present in the montaining to the directors entitled to the allowance, but, from a safelinat musher not being present, no business could be gone into. Upon the whole, the seemed disposed to fall into the views of the proprietors, and letters had be received from those gentlemen who were not present, but their propert we not such as in conhie the directors to give any decided opinion. He was git to any that the whole business of the company was progressing as well possible, and, after the 7th of cext month, information more emendative was larged for the directors; in thought this meeting quite unassence After some conversation, of no particular importance, respecting the out maters, the thanks of the proprietors were voted to the chairman, and it meeting adjourned.

PRESTON AND WYRE RAILWAY, HARRHOUR, AND DOCE

After some conversation, of no particular importance, respecting the construct, the thanks of the proprietors were voted to the chairman, and it meeting adjourned.

PRESTON AND WYRE RAILWAY, HARHOUR, AND DOCK COMPANY.

The half-yearly general meeting of the properietors was held at the office King William street, City, on Monday, the 31st ult. Sir P. Hunner Flexurwood, Bart., M.P., in the chair.—The CHAIRMAN, after briefly a leding to the prospects of the undertaking generally, and to the encous which had taken place in the expenditure over the original estimates, called up the secretary to read the report of Mr. Frederick Contacts, the monaging of rector, from which it appeared that the annual expense of working the lie was 15,9144., and of maintaining the harbour 37stl. The railway equations to the the hast six months had been reduced to togoti, and of the harbour to 15105. The arrangement with the North Union Builway for the superviscementive power had been abandoned by mutual consust. The restords in the item for salaries exceeded 20005, per annum. The footing debta the company, which were now in course of payments, had been reduced 35524, against which there was in second of 14655. These was a prevent sheyance, but the directions were enhancement of a steam anytopic deverament towards carrying them out, and to connection with which the strongly urge on the peoprieture the catabilishment of a steam anytopic company, but the directions were enhancements of the strong were undertaking. After some pertinent remarks from a few of the spinoid and Scotland. The difficiency in the traffic hetween 1041 and 104 amounted to 24,000 passengers—5518. The assumed deficiency for its massed, appointing a committee to act the incompany of the company, Machiners of the subardelera, and an expression of confidence on the part of Mr. Jaha Ab fluith. Mr.P., on the eventual prospectity of the undertaking, a resolution of passed, appointing a committee to act to the Royal Exchange Insurance Captain, and an expression of confidenc

VAUXHALL BRIPGE COMPANY.

The half-yearly meeting of the shareholders of this company was a the George and Vulture Tavern, Curshill, on Thursday, the M last, Washington, Esq., in the chair.—The minutes of the preceding in having here read, the report of the companion and the proceeding in having here read, the report of the companion are not followed, from we papeared that the revenue of the bridge for the past half-year was to that of 1981 by 723/c &c. dd., which was accounted for by the re-open Westminster Bridge, but, as compared with 1986, there was an inert the tolds of 1981. The company had 2000/in Exchanger Bills, and the on a piece of ground, they were taken hefore the magistraics, and the on hald made arrangements for preventing the fraud in faiters. The reported with a favourable opinion of the increase of revenue to be satisform the growing american nod extension of the various railways in the low-A dividend of 18c. per share was declared.—The report having been an application due made by a Miss Poort, award, to have to whom he had can'd to be 1409/c.) were paid, but the Caramana was unable for her on the endport, and, after some discussion, the question was my sectored in the committee, who were to report the reals of the committee, and after some discussion, the question was my sectored in the committee, who were to report the reals of the committee are increting.—The meeting passed a vote of thanks to the committee than adjourned.

The first time in her annals Trained has taken the head of othe trice in the practical application of an improvement. The Kingell Dailey Railway, which has been commenced on the atmospharts is likely to prove the first step in a nester of works, of which it is predicable the limits either is point of extent or mefulume. The Present Comments have already degrated commissioners to in Planoverties Comments have already degrated commissioners to in report on the system; and a projet, strongly in its favour, has been torse the Present Commissioner, has never done the Present Commissioner, has never depresent the first. M. Trisses, present Commissioner, has never depresent the first of the share-animal on the experimental line at Worsewood Survive gracience depreded by the Minister of Sixts. M. Trisses and the share-animal of the first of the projectable fishmed by the Minister of Sixts. M. Trisses of all presents of the Chief Cham. Railways in Paris, and is restored animages the most distinguished. M. Tolencrean is a moment of the Chief Cham. Railways in Paris, and is restored in a moment of the trapert with a risk project with a ris to detreat from them say of the mirratages bey may extended upon the companion of an abulation of abulation of abulation for the abulation of abulation of the substance and sand. In secrit, as described in the subject on which it breats to a prospective to the absorptore, and it does not be a prospective to the absorptore, and it does not be a prospective of the substance of them. For my which is a not easily distinguishable, either that it is not easily distinguishable, either that it is a secribed property of the fact, that, which having as the reversal years, will result the project and the substance of the

ECURITY .- THE GUARANTEE SOCIETY .-

PATENT SAFETY FUSE, RATIONS.—This article affords the aniest, cheapest, and por submaking is of effecting this very instantous operation. From many bestimosise to its visuas with which the Manufacturers have been flavoured from every part of ingelom, they seart the following letter, recently received from John Taylor, J.R., &c. Ac. [--]

" am very gind to how that my recommendations have been of any service to the Three been given from a thorough conviction of the great envisions to tastly Pure; and I am quite willing that you should employ my same as evidence of this."

hotsred and sold by the Potentiers, BICKFORD, SMITH, and Third,

# THE LONDON GAZETTE-BANKRUPTS.

TUBBBAY E. and R. Fernedi, Aideronambury Postern, City, yarn morchasts-Friesser, et. Martin's-lane, Lothickeeper - W. Hopper, Great Queen etreet, Lin-uit's time deith, ourset warrhonestence - D. Lawano, Maryindrone-street, Pennidiry, confined aper - J. France, Mancipreter, cotton magnifecturer - J. J., R. J., and (Wood, Deady-dair, Yorkshire, Rancy citch magnifecturer - J. P. Starling, Biax-my, Norfolk, coul merchant - T. Smitheon, York, tobacconist.

FRIDAY.—I. Hopen. W. Miller, and W. T. Grant, Wapping, wall, engineers—J. Isanon, W. Miller, and W. T. Grant, Wapping, wall, engineers—J. Isanon, W. Miller, and W. T. Grant, Wapping, wall, engineers—J. Isanon, W. Millerhapet, annufacturers of chip town and R. H. Berrett, Phile. However, increasing the miller —J. Brown and R. H. Berrett, Palle. However, increasing the miller of chip motivalists—W. Whapshoft, trade; saw, Eisen street, insuftwark, engineer—John Maddell, Framson's court, hexpelide, whose secretaint—J. Hall, Wiestorf, Chechier, growt—J. korty, Rhef-chi, steet manonisterer—H. Mito, Southampton, worthcoler, it is principles on, overchants—J.

## PUBLIC COMPANIES.

MESTINGS.			
Danescombe Copper Mining Co 16, Birchin-lane	ā		2.
Mourbridge Extension Canal Office, Stourbridge Whart	7		L.
Grand Union Cases! 70, Sorrey street, Shadwell	7	1	I.
Basingstoke Canal Law Society , Carey street, Strand	2	+ = = 1	8.
Margate and London Stram Co Town Hall, Margale		1	
Bulicar Mining Association 7. Warmford-court			
		****	
Shymney Iron Company			
Importal Brazilian Mining Ass'n London Tavern			
New Brunswick, Ac., Land Co George and Vulture Tavern	24		2-1.

Boyal Mail Steam Packet Co. . 161, per share . Nov. 1 .... Kobarta, Curtic, & Co.

		DIVIDENDS	le .		
Ubster Ballway Co	mpany	Sc. per share			ior
South Caradon M					
Skengshire Canal	ET - C. S. T. C. S.	ecc Marriage	Shropshire	Banking Co	

## NOTICES TO CORRESPONDENTS.

to Myssica Javanna, is regularly published about Two cretach on deterday afri man, of the affice, i. Cremo-court, First atract, where it can atmage be obtained and there is an example in tregularity in the supply, in true, other than neglect the part of the agend through whem it is ordered; but, as request its truesm gain to country make-cities, the transmire is threat with the Part-Africa atherities.

famuracruus or lann,—In answer to many applications, we have the pleasare to manuscent that the publication of Mr. S. S. Segart's series of papers. On the Manufacture of from, being Bala for the Caldisson of Stant-Farman Managers, writed expensely by that gentlemen, will be commonced in the Journal of cert week, and continued at an elect letterals as the talested unifor may be enabled to supply them.

to supply these. As a considering when the continue our section of this amounts, from having here prevented attending the meeting on Monday last, by order of the "consent." Whether the courses on-ted by the directors, is so divide, by jackies so not, is best ancientation by themselves, as it is, we can form no opposes whether the character recently promotened as detrimental to the character of the acceptable, be heree each by facts or not. However, murives should rather court publicity than evoid it.

g court published when avoid it.

Whather Harry, "We are owner that too many cases of deep destitutions as a second of the destitution of the destitution of the destitution of the second of the seco

# THE MINING JOURNAL. Mailway and Commercial Gajette.

LONDON, NOVEMBER 5, 1842.

The proceedings of the Court of Aldermen, on the 3d inst., in the matter of Mr. Alderman THOMAS WOOD, are given at length in our columns of to-day. We have now achieved our object-an inquiry will be instituted, and we are fully prepared to establish our irges. We do not, under present circumstances, wish to prejudicate or prejudice the minds of those to whom the inquiry shall be submitted-or have made our charges against the worthy Aldera, let the committee appointed require from us evidence to substantiate—from Alderman Tuonas Woon the denial. We

The sulphur trade, for the past eighteen months or two years, has been in so unsertied a state, consequent on the movements of the Kann of the Two Szcratus and the operations at our home mines, as to leave it questionable what may be the ultimate result, and see we are to derive our fature supply—the price being so far sed as to remier it very doubtful whether our mines can con-the supply of the article, and which, indeed, it appears to us, ey cannot, without the demand be such as to enable them to room you mantition, and thus diminish the cost per ton of agency,

e propose taking a helef review of the operations of 1941, having before us an abstract of the official statements published at Naples, and returns from the country of Wicklow for the like period. By the former we gather that the total export to all countries from the ports of Spilly, in 1841, was confined to 187,101 cantars, or 14,400 tons. is, in the preceding year, they amounted to 732,750 canters, or ding Decem ber, 1841, of 545,640 cantars, or 41,065 tons. This reduction, it is to be observed, has reference to the total except, which community a he observed, has reference to the total exports, which amount to saly one footth of those of the proceeding year. The main runner to thick may be accelled this diminution was, dealthest the amoliction of the monopoly the rate of the large stock, taken by the sapaditan Government, of Taxx and Co., and the capit progress Naquelitan Gorcenment, of Tark and Ca, and the capid progress made by the English solore in bringing into the market his volphon, ores, or present, in composition with foreign sulphon. In Blustrate the latter last, it is uncoverey we slouded see what were the imports into the sounder fitten Stoffe during the years 1840 and 1841, and also the supplies to the market of the sulphor over of this hing-chan; we find them, that, in 1845, our imports reached 203,353 candem; we find them, that, in 1845, our imports reached 203,353 candem; ters, or \$0,577 tone—the price being quanted as high, during that year, as \$3, 10s. per time, in 1941 our imports assessment to only one evenish the quantity, or 20,000 centers, or 1,000 tone-thus show-ing a serious folling off, and which will be the more readily seen on

existed, the breaking of it up, and the announcement of his VotCANIC MAJESTY to put on whatever export duty he might think
fit, paralysed the proprietors of mines. We now come to our home
supply of sulphur ores, and which may be taken as ranging from
35 to 48 per cent, but which, allowing for waste in process of reduction, we will assume as yielding, on an average, 33 per cent,;
of these ores the county of Wicklow supplied, in the past year, no
less than 43,000 tons, equal to 14,330 tons of sulphur (that of Sicily
being, we believe, 96 to 98 per cent.), while the increase in the
raising of sulphur ore in that district may be judged by the mere
mention that, in January it was 615 tons—in July it was 7021
tons; other cargoes were shipped to Liverpool and the more
northern ports from Wales and Cornwall, but in comparatively insignificant quantities. The price of sulphur ores delivered in Liverpool at one time might be rated at 32s. 6d., but have since, we are
given to understand, been sold at 21s. to 22s. per ton.

Having considered the question as relates to the falling back of
the supplies from Sicily during the year 1847, which is explained
by the heavy stock of Sicilian sulphur—some 40,000 to 50,000 tons—
thrown on the market at "one fell swoop," at prices nearly 60
per cent, below those which that article had attained two or three
years previous, and the supply of British sulphur ores—we consider the explanation is clear—but the main question to be considered is, What are the present prospects of the English miner,
now that the prices are so much reduced? We will make out a
rough calculation of his position on raising 1250 tons per month,
which we will assume sold in Liverpool at 21s. per ton, and will
then deduct the working charges:—

1910 tons, delivered at Liverpool, at 21s. per ton, and will
then deduct the working charges. existed, the breaking of it up, and the announ ent of his VOL

1930 town, delivered at Liverpool, at 915. per tom

COOT.

Breaking and raining to surface—at 85. 66, per tom

Carriage to Wickhow—45. 66. dilto

San town to the surface of the surface o Agency.
Water charge and engineer
Totwork and materials, say, 12,000/... per cent. per annum.

10 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0 0
15 0

mine was selling 1250 tons—or 1500l. loss per annum on a sale of 15,000 tons. If our figures be correct, and they are sufficiently so, in the was setting 1250 tons—or 1500s. loss per annum on a sale of 15,000 tons. If our figures be correct, and they are sufficiently so, we feel satisfied, for our purpose, it is clear that an advance of price must take place under any circumstances. If no immediate advance should arise, then must our home mines be "knocked," for it cannot be expected they will continue working at a loss; and should such an occurrence take place, then the Sicilian sulphur, having no competitor in the market, would, doubtless, rise, and then would it be full at a sale the house price treasure recent and head has the competitor in the market, would, doubtiess, rise, and then wouldst be futile to ask the home miner to resume operations. Already has the latter expended many thousands in opening new ground, extending levels, sinking shafts, erecting engines and machinery, constructing new roads, increasing his force, and taking all the necessary measures for supplying the market with a large quantity of ore at a moderate rate—that is to say, at such a price as would enable the English manufacturer to render the article to the consumer at 40 to 50 per cent, less than he has been in the habit of vaying for the last So per cent. less than he has been in the habit of paying for the last few years. To avoid the loss of the advances so made, he has one only hope—and that, we venture to predict, a forlorn one—aid from the Government—a Government which has ever proved itself, by intention and act, as regardless of the interests of the miner.

We have said enough, for the present, to interest our readers in the subject, and hope that those who so seriously suffer by the Ministerial measures, which throw open our markets while those of other countries are closed to us, will use such interest or influence other countries are closed to us, will use such interest or induced as they may possess to convince the Government how hurtful are the doings of both his Volcanic Majneyv and themselves to those who give employment to thousands, and, for seal and enterprise, must be reckoned among the first of Britain's Sons!

Gladly do we collate all and every information relating to mining pursuits abroad and at home, and gladly do we report on the well-doing and the prospects of the several adventures when in our power. True it is, we have a strong feeling in favour of our mines at home—next in those of our colonial possessions—and, next again, those countries in which English capital is employed, but where British sway is not exercised. We have had occasion to note our operations in England, Scotland, and Ireland, New Brunswick, Nova Scotia, Guernsey, and other localities—in North and South America, the latter almost without limit—while Spain and her possessions—Mexico, Chili, Colombia, and other provinces, have equally claimed our attention. laimed our attention.

We have now to direct attention to Jamaica, which having furnished us with sugar, coffee, rum, and other products, and which, with other colonial possessions, cost this country 20,000,000f, for the abolition of slavery, now promise to return to those who may be disposed to invest their capital in the development of her mineral resources—those hidden riches which lie beneath the soil on which the sugar-case and coffee tree were nourished. We rewe sanguine enough to give credence to the directors and visitors of the Mount Vernon Mine in that island, we should feel disposed to embark on board the first packet, and realize for ourselves that wealth which, we fear, under the existing tariff, we are not likely to derive in this country; but, as we should like some more definite data than that with which we are presented, we are rather disposed to exercise a degree of caution, which, we think, will at least be admitted as prudent, under all circumstances, and which we would counted others We have now to direct attention to Jamaica, which having fur dent, under all circumstances, and which we would counted others also to observe. We have, at some length, in another column, given all such particulars as we have been able to gather, from which it will be seen that the extent of the workings are very limited—that the quantity of ore raised, so far as we are informed, does not exceed a ton—that Dr. Ameroan's report of the lodes evinces a want of mining knowledge—that of a capital (the amount of which is not known to us, one-third only has been subscribed—that seven cashe, containing one ton of ore, have been shipped to Swanses, where they have been assayed, producing about 19 per cent produce, which we have a right to suppose to be the fair average of the hole, and not selected "prills"—that the direc-tors look to the "mother country" for aid, by the subscription of capital, and that no accounts are given of expenses incurred or re-sults arrived at, beyond the more natice embedded in these remarks. Having given insertion to a paragraph on the Mount Vernon Mine in a late Number, and having since carefully perused the papers which we received by the last packet, it is a duty we now correctors and one residers to suggest—that contion be observed ere capital by conhacked.

We observe, in the "List of Patents" taken out during the past month, one having for its object an improvement in the manufac-ture of iron, by Mr. Buue, of the Ystalylera Works, foramera Val-lay. It will be recollected that specimens of iron made at those works from anthracite, with hot-blast, on the principle of Mr. Chans's panent, were subjected to a series of experiments by Mr. Farmatin, whose report appeared in one columns. We are not aware what is the nature of the improvements patented by Mr. Buton, but presume—if with the use of anthracite, it is on a differthat adepted by Mr. Chanz, and which we are the g a second falling off, and which will be the more readily seen on more imbrored to suppose, from the circumstance, that, on inspects a 1837 and 1838, which amounted to high tens for the two years.

The have already noted the decline in price, arising from the large in cold-blast, having abandoned the "with hot-blast, which the market upon the market with the decline in price, arising from the large in cold-blast, having abandoned the "with hot-blast, which the market upon the market, which they had previously adopted. We shall be well pleased to hear of a price of the see and the see an

their success, although we have our doubts, from the evidence afforded on the trial, and the information acquired from other sources—from which we are disposed to believe that the hotblast is not only more economical, whether in the use of anthracits, bituminous coal, or coke, but that in the former it produces iron of a strength superior to the ordinary descriptions of pig or cast-iron obtained by other processes. It is proverbial that, in Scotland and other places, where hot-air is employed in conjunction with bituminous coal or coke, the iron is tender, or, as some would call it, "rotten," being unfit for machinery where streng is required. On the other hand, it is better adapted for small foundry and ornamental castings, takes the tool readily, and is is required. On the other hand, it is better adapted for small foundry and ornamental castings, takes the tool readily, and is easily run in the cupelo. With respect to anthracite hot-blast iron, the report of Mr. Fairmairn—the evidence given on the trial, and the numerous experiments made with satisfactory results, afford conclusive evidence that (up to the present time at least) it has a decided superiority over other hot-blast iron. It, however, remains to be seen whether the patent secured by Mr. Budding will effect the desired object, or whether it is merely a modification of Mr. Chank's process. We await the specification being entered, when we shall again notice it, and in the interim shall feel obliged for any information which will tend to encourage the hope we have so long entertained of anthracite being a useful agent in our smelting establishments and manufactories, as well as on our railways and in steam navigation.

TRESAVEAN MACHINE FOR RAISING AND LOWERING MINERS.—On Saturday last a great number of persons assembled at Tresavean Mine, for the purpose of witnessing the working of the new machine just erected for raising and lowering miners. This mackine, which is the invention of Capt. Michael Loam, who has also superintended its erection, is a very simple contrivance, being formed of two perpendicular rods of wood, having projections about twelve feet spart, upon which each man ascending or descending stands. In the rods are placed long iron handles, which the men lay hold of with the greatest case. As one rod descends the other ascends, and, at every alternate step, there is a slight check, which affords sufficient time to enable the person travelling to remove from one to the other. The movement of these rods cuables a man to travel at about eleven fathoms a minute, but the speed can be regulated according to the wishes of the men, by a man who is in constant attendance upon the engine. At present the speed preferred by the men is about three strokes of the engine, or twelve fathoms per minute. The machine worked admirably, and not the alightest accident could occur. At about one o'clock 100 miners, in their working dresses, and each with a candle in his hat, went down the shaft by the new contrivance for the first time, to see how it worked. The men were delighted with it, and say, that rather than again come up by the old system they would prefer waiting an hour or two for the working of the machine, but, if any of the men object to wing the machine, the ladders are left for them, and on those they may slimb away to their heart's content. A substantial dinner at the accounthouse concluded the business of the day, all parties, masters as well as men, expressing their satisfaction at the result of the experiment.

Geological Society.—The first meeting for the session was held on Wednesday evening, at the recons of the society, Somerset-house, R. I.

men, expressing their satisfaction at the result of the experiment.

Grological Sociaty.—The first meeting for the session was held on Wednesday evening, at the rooms of the society. Somerset-house, R. I. Murchison, Esq., P.R.S., president, in the chair. The meeting was namerously attended, amongst the company being the Rev. Dr. Buckland, Rev. Dr. Pye Smith, Professor Owen, Dr. Fitton, Mr. Lyell, Mr. Henry Hallam, Mr. Greenhough, and other leading memburs. A great number of presents were announced, amongst which were the reports of the leading British and Foreign Scientific Societies. A paper, of consider-interest, was read from Dr. Robert Dale Owen, on the geological characteristics of an extensive district in the United States, including Ohio, It linois, Kentucky, and other States, bounded by the Alleghany Mountains, This was rendered the more interesting from the description given by Mr. Lyell of the geology of the country, being his first public appearance sing his return, having been engaged in an extensive survey of these regions. He particularly pointed out the existence of extensive coal-fields in the district of Ohio, which were larger than the whole of Great Britain, and the singular appearance in many parts, of fossil trees, in a vertical position. Geological explorations are going on very rapidly, and the New York geologists have recognised twenty-eight different series of groups become the coal measure.—(We hope to give a more detailed report of the pre-leedings in our next by Mentice Henry hefers. Sir. P. Lawie statics and the Mentice Henry hefers.

York geologists have recognised twenty-eight different series of groups beyon the coal measure.—[We hope to give a more detailed report of the preleedings in our next Journal.]

LONDON CAGUYCHOUGE COMPANY.—Yesterday a most extraordinary
inquiry took place at the Mansion House, before Sir P. Laurie, relative
to the conduct of the London Caouteboue Company.—Mr. J. Morley, of
the firm of J. and R. Morley and Co., of 18, Wood-street, Chespide,
secompanied by Mr. Bevan, of the Old Jewry, solicitor, and about 689
of the most respectable business of the city and west-end, appeared as complainant. It appeared that cortain persons, representing themselves in
the the London Caoutehoue Company, and professing to sell articles make
of India-rubber—the interest in three-fourths of which company was sell
to be vested in Mr. W. Leaf, of the Old 'Changes—had filed fifty-debills in Chancery against the retail housers in the metropolis, for an alloged infringement of their patent. The articles alleged to be pirase
were those into which strips of India-rubber were introduced, auroundaby thread, and so covered it was impossible to discover whether they we
note were not similar to the articles manufactured by the company. The
first intimation given to the parties was the service of write, requiring the
to appear and answer a bill in Chancery. When the parties applied is
Mr. Wight for information, they were told that they had infringed to
compony's rights, but that he was willing to compromise the marter, as
in maky impances, they were induced to pay large sums, varying few
15th to 75th, through intimidation and ignorance of the awfal, proceeding
with which they were mean-cod—Mr. Wight always asking more large
sums than he eventually consended to take, his principle being apparent
to get as much as he could. A long list of sames was then general being apparent
to get as much as he could. A long list of sames was then general particular of the company, in
the order of the secretary conduction than their professed busines
Th secretary of the ecospany, the one was adjourned to Friday seat, by a no opportunity to the other parties to atland.

Tarcu Suvum.—An Important case was tried at the Town Be
Abergreency, a short time visor, from which we find that the complaine
D. Dainty, who was in the coupling of Even Joses, an agent of the CoCulyo and Blains Iron Company, was prod his wages " otherwise than
reads" in August Ites, conferrey to the previousne of the Truck Act. If
Owen (attorney of Measuremeth) appeared for the phinniff, and Mr. Most
(a beryinter) for the definables. Mr. Mossley, aline readvisor to the se (a barriance) for the defendant. Mr. Moody, after emplying to the or as stated by Mr. Owen (the particulars of which have already appearanged that the information was informal, as it emplit to have been hodges two maginizates, and not, as it was to this case, before only the Track Act being very application that point. This objection was

heavier, fracture with the muriation Blund, as a

The re

gr uit by tio the tre

the structure of the st

sum as ti

Cuir been thys these cime

stance being and, to lens, crysta

louring of Cai

yellow calls a

3 part of the this is don nicut quant spen a pic the toke ti which he s bowing un Yeard required piece, press place, pressure as Similar appropria

widence af-from other at the hot-use of an-it produces of pig or all that, in in conjune-or, as some re streng-for spar-ily, and is blast fron, e trial, and

e trial, and ults, afford

r, remain CRANE'S n we shall any infor-o long enlting esta-ys and in

vesa Mine, just erected invention in, is a very wood, have ascending lles, which a the other ich affords one to the l at about ling to the on the en strokes rorked ad.

t time, to g an hou object to they may as well s

held a se, R. I. was nu-luckland, r. Henry

ts of the Chira.

ountains, n by Mr. nee since

regions in the sin, and cal posi-the New mps be, the pre-

relation rel

ee ma

LECTURES ON GEOLOGICAL MINERALOGY.

NY J. TENEARY, EAG., P.G.S.

The subject of this bettere was Quart, of which several very bisnetiful specimens were exhibited in the hexter roos. The most common form of crystallised quarts is a six-aided prism, terminated by six-sided prism, and form, with these, an angle 141" 49" the matural inclination of any two opposite faces of the same pyramid being 75" 52". The sides of the prism are transversely striated, but the planes of the symmolia are smooth and polished. The presential termination frequently appears at one extremity only; this for "fd subject to numerous modifications, which greatly affect its penetral" and subject to the prism are transversely striated, but the planes of the pyramids are alternately large as Simil; as munctimes one face of the pyramid is no much larger than the others that it means to form an oblique base to the prism; sometimes the prism is broad or compensed, and two opposite faces became no large that the crystal resembles a table with bevelled edges; sometimes the sides of the prism are convergent, so that the diameter at one extremity is greater than at the other. Not unfraquently, some of the colid angles, situated between the prism and many transposidal planes; obliquely placed; a conclines the prism are convergent, so that the diameter, situated as before-mentioned, are truncated by trapezoidal planes; obliquely placed; conclines the prism is so short that the two terminating pyramids, nearly meet, and the crystal becomes a forth trapezoidal planes; obliquely placed; conclines the prism is on short that the two terminating pyramids nearly meet, and the crystal becomes a found to appear to the prism and sometimes there alternate faces, on each pyramid, with its common base truncated, or the prism artified by a prism and the prism and to the prism and the prism and the prism and the prism are constituted to the prism and

In the celebrated tomb of the Three Kings, at Cologne, is a large mass of yellow quarts, which the guide, who shows the cariosities in the eathedral calls an Oriental Topaz—but a fracture proves it to be only quarts. This specimen is two inches long, and is described as being worth several hundreds of pounds, while, in reality, 10s. would be a very good price for it. Fig. 1.

Guarts, when crystallized, is marked with fine strine, in the transverse direction of the crystal (figure 1); this peculiarity will enable a person to distinguish it from the beryd (fig. 2), which is striated in the longitudinal direction, and is generally found in the form of a six-eided prism, similar to that of quarts.

Suppose a rounded pebble to be picked up on the sea side, or from the bed of a river, by detaching a small portion, the fracture will be exhibited; if quarts, the fracture will be exhibited; if quarts, the

fracture will be concluded in every direction (fig. 3), like a piece of broken glass; or, if a topus, it will present a perfectly smooth fracture in one di-Fig. 4. Fig. 1.



rection, and slightly irregular in the other—like (fig. 4); this is also harder heavier, and colds, or the specimen may be calcurous spor; if so, the fracture will show small rhombs—like (fig. 4); it, may also be scratched with the knife, which notiber of the other gill yield to, or a drop of sitric, muriatic, or sulphuric acid, will produce an effergreeome with the calcureous spor, but there no effect on the quarts or topar. Quartz is one of the most abandant minerals, offsecing largify into the composition of gravitr, guieses, and actor slate. It is founded the bads of deast tywer, and is easily known by its fracture and hardness. There are many varieties of quartz not mentioned in Publics's list tedition—vis., the different analy which have on much used in the mentifacture of glass, for. The variety of quarta, called "on's eye," was only rock crystal, exchasing very small fibres of subscise. Severall varieties of allicitions minerals are never found crystal-listed, as upod, which is extrusively found, of various qualities—choor from Mexicu being most remarkable, from their being our day brilliant and another daypoldil.

whichester is much used in the monitorizer of justs. Are. The variety of speaks, actively only rest expetil, enclosing overall, enclosing overall and mover foundations. Reveals varieties of silviness mixers are now return for the contrary, to enable them to be obthe unree encoughts and studie, but, or year, within a strainfestify found, or work, enclosing from the contrary equilibration of the part of the contrary foundations. For the contrary of the contrary foundations of your correspondents will understant to the part of the contrary foundation of the part of the contrary foundation of the part of the contrary o

cobalt; the gram, by copper—also by cobalt, and yellow of antimony and load; the ruby, by gold, or the purple of Cassius, and by chrome. White enamed is merely gloss rendered more or less milky, or opaque, by the addition of aride of tin: it forms the basis of many coloured enamels, which are tinged with the metallic oxides, as mentioned above.—Beautie. Plintis extensively used for making roads, and in some parts of Keat it is used in building houses, obserbes, and walls. Part of Dover Castle is also built of fints, which are plentiful about there; they were formerly used in the gun lock—this use is superseded by the percussion caps.

# ORIGINAL CORRESPONDENCE.

THE HOT-BLAST PATENT.

THE HOT.BLAST PATENT.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—In your Journal of Saturday hast you print a paragraph headed as above, which is, "though probably not intended," an indirect atheir on the substance of my paper, which appeared in your Journal of the 6th of August last, and it being the first and only notice of the kind that has come to my knowledge, I cannot allow it to pass without a few remarks.

I have not the pleasure of knowing Mr. John Beaumont Neilson personally, and beg, in what I have to say, to disclaim all improper motives towards him; it has, however, been truly said, that a man is often in greater danger from the over seal of his friends than from his ensuries, and probably Mr. Neilson may himself think so in this instance, inasmuch as whetver in cause there may be for granting to Mr. Neilson a national tustimonial, such should not be founded on troth; how far the reasons given in the paragraph in questian may be so, the following observations will, in some of measure, enable the public to junige. The first reason given is, that for merity is known to every man with any pretensions to a knowledge of the iron trade, that long before Mr. Neilson's patent, by a proper attention in the coking operation, the quantity of coal used per ton of iron had been make the use of heated air being weaker than that made by coil air, is a mere matter of prejudice; but the entire period of the patent has run out, and countless quantities of iron been made by the improved process, under the superintendence of iron makers of all grades of experience, and yet, in payour Journal of the same date, is faund, in your prices current—No. 1 pip-iron in Wales (coil-hiast), 3l. 15s. per ton: No. 1 pip-iron on the Clyde (hot-hiast), 2l. 10s. per ton—the latter, with many selfers, allowing 5 per cent, discount, or, in other words, 2l. 7s. 6d, per ton. Now, we of the saving in making one ton of pip-iron by the use of heated air is, in coal used, 6s. id. and its value deteriorated is the unriket 1l. 7s. 6d. These no

Power to resist impact. 417 ) in the same mineral field.

MINING IN THE UNITED STATES-LEAD MINES.

MINING IN THE UNITED STATES—LEAD MINES.

YO THE EDITOR OF THE WINING JOURNAL.

Sin,—As the importation of a certain quantity of this article has drawn attention to the subject, and caritted the faces of some of our English lead miners, while it has been used to depress the prime here by those whose interest it may be to effect this object, so any information on which reliable can be placed respecting the American mines, their power of production, and the prices of lead in the country, has become more than usually interesting; and the accounts by Mr. Hodge, published in your paper, have been persised with attention, and the information afforded by them has been much convenaed by persons concerned in the lead somes of the meighbourhood, who are well informed upon all that relates to the productions are required to stump the evidence offered with all the certainty and sutherity, which, in this case, is so particularly desirable, insampch as the vague reports as to the quantity that can be produced, and the low rate at which it can be afforded, have, in no small degree, tended to effect the present depression in the English lind market. Much of this has, without doubt, hence owing to the uncertainty that has provailed on the subject, and the contradictory nature of the subsements tied have been directed to the Wisconsin and Missonsi hand region would, therefore, at this time, he very valuable, and the column and discretal region would, therefore, at this time, he very valuable, and the account of the state of things in the Wisconsin and Missonsi hand engine would, therefore, at this time, he very valuable, and the column to distrements with the to ask for such explanations as may lead to make clocks a few perticulars which therewere not written with a desire to conditions of the state of things in the Wisconsin and his chees to be eacher which there were most historians as may lead to make clocks a few perticulars which there were not written with a desire to condition of the state of things in the written with a d

power that, from 22,000 Piece of male one, the street of land, being be 32d per cent; and it belleve, the which is 143,750 Dec. of land, being the 32d per cent; and it belleve, the which is 143,750 Dec. of land, being and constraint from the dage, and alleving this cuttomate was decorooling to Mr. Hadge's estimate, 220 deliber for the state of the constraint from the dage, and alleving this estimate for the dage of the constraint from the dage, and alleving this estimate the whole he delibers, or 446, 130, at the three of deal in a mush, would be back delibers, or 446, 130, at the three of deal in a mush, would be back delibers, or 446, 130, at the three of deal in a mush, would be back delibers, or 446, 130, at the constraint on money in very high.

The constraint is the state of the constraint of the state of the work of the constraint of the c

ad at very low prices, as some persons protend, in now a topic

American lead at very low prices, as some persons pectand, is now a topic of grant interest.

Wass it not that I have extended this latter far beyond the limits I insanded to contino it to, I might remark on some other matters in the statements which eacits some surprice and observation. The charge of over to be furnous, 10,500 per day of nighteen hours, and a produce of 80 pigs of land, of 70 line, each, in the same time, by the labour of four men, is a smoch more than can be done in this country, that some mistake is respected. The expense of would for fuel annual to amount to nearly the annual per ton of one as is paid in many large catabilishments in Great Brislain for coal, but, as the supply of wood country that some mistake is respected. The expense of room the smellting works, it assess to be probable that he cost of it may increase. The result of our impression, however, is, room what we can gather from Mr. Hodge's communication, that the expenses which he assigns to the production of lead in the districts he describes are rather underrated than otherwise—that the mines are not on accordingly rich as they have been befored to be—and that, though timy as to be found over a great tract of country, yet the working them is attained with risks and uncertainties common to such undertakings in all ther countries. How it has happened that had has been imported and sid at so low a rate in England and other places, is a matter, perhaps, of easy of explanation—the demand for ready money in the United States may have had something to do with it. A somewhat parallel case may reserver, he stated with respect to spatter, which, costing 13t, per ton to also it in Silenia, was for a time imported here, and sold in bond, at 11t.

Alana Miran.

P.S.—The above was written before I had an opportunity of accing our Journal of the 29th inst., containing a continuation of Mr. Hodge's

A LEAD MINES.

5.—The above was written before I had an opportunity of accing
Journal of the 29th inst., containing a continuation of Mr. Hodge's
oir, but as nothing therein appears materially to affect the views I
taken. I send it so it is, leaving any further remarks, if such should

ORGANIC ORIGIN OF SLATE.

rev taken, I send it as it is, leaving any forther remarks, if such should preir securary, to some other occasion,

ORGANIC ORIGIN OF SLATE.

TO THE REVIOU OF THE MESTER OF SLATE.

Sig.—I most decidedly differ in opinion with Mr. Ansted; in the frat leave I am not prepared to admit the correctness of the term "metanorhier ook," as implying its igneous origin, still less am I inclined to conside to him the igneous origin of granity, spenite, &c., or that extensive islocations are uncerting evidences of distortance by subtervancen mechanical violence. According to the definition of this granileman, the term whistes," or "state," must be confined to those formations which have the minoral character of cleavage. In this I also differ from him, otherwise we must exclude numerous hodies which are now generally closued met this general head; but confining my remarks to those species which exclude from the plates, or casies, I would ask what other reasons to be assigned for the preduction of these minoral bodies? State reasons to be assigned for the preduction of these minoral bodies? State reasons to be assigned for the production of these minoral bodies? State reasons to be assigned for the production of these minoral bodies? State reasons to be assigned for the production of these minoral bodies? State reasons of the leave bed, and embracing in their bases the locas amountain and mountain exhaust in; they are found capping grains and other zystalline rocks, or uniting with time, following the value should be accordance of the leave the products, well-known constitutions which bear the most striking analogy to the state mineral spotential states and the states are producted, well-known constitutions which bear the most striking analogy to the state mineral spotence of the present of foreign countries, I will simply call his situation to the potential state of the state of the state of the state percusion of the products, which as the part of the definite of the state of the state of the state of the state of the stat

makes theories of many graingists compail them to behald in dises mass of cooks the evidence of an extinct velocate, and sail aphenning of the greater portion of the known heels of the case arear being conetout and associated, requires a chain of sees and unnatural requestions to support it. That earth-chattered many of the best of this and all other countries is repts, but it shes not necessarily follow that the valuesse were in also neighbourhood: and, again, there are natural counts of on-locations-rockes, when noticessarily depositions extend over manifest treets, but it does not accommonly follow that the values was to be accommended to the continuous and continuous and the continuous and continu

can only record those facts; I cannot convey the pondecable rocks from the extremities of the earth, where schiebta, the overlying bed is the preasinate cases of its production: the primary mosterial of grantic is small, or sends, pubbles, and various calcureous matters, the one and the other being of organic origin; the material of the schiebta is well known, while in its plastic state, as clay or smarl, its efficate of potash, and its sulphate of alumins, percolate into and unite with the lineae particles and aggregates of the underlying bods, chemical action taken place, and ultimately ephesion, the crystallineiton of these particles, the matter of the underlying bod, and the qualities received being uniform; the crystalline mass is also uniform in the disposition of its parts; but if, as is often the case, organic remains within the bed are of any magnitude, from the decomposed state they are converted, into sparry nodules, such as Mr. Ansted may observe in the Aberdeen granites, in which the outlines of the organic body are still visible, and in which fossil shells have been found; the remain is the same where the waters have introduced these materials, the sands in their pure state being gnetss, which is a species of schiatus, in the inspure state granite forming a triple, and sumetimes quadruple, compound. What is there in this explanation, I would sek, that is unreasonable? The operations of Nature are at once simple and effective—without violence, without miraculous infusions of rocks, upheavings of continents, or depressions of valleys. Again; Mr. Ansted may be assured that, on proper analysis of the various crystalline bodies known to us, it is possible to prove satisfactorily to all who are inclined to receive truth, that the compounds of which each is composed originate in organic action. I need only add, that geology is at best an uncertain science, and every year, in the facts afforcied by investigation or by accidental discovery, geologists are driven to shift their ground, and to invent some ne

MR. W. J. HENWOOD, F.R.S., AND THE DUCHY.

MR. W. J. HENWOOD, F.R.S., AND THE DUCHY.

TO THE EDITOR OF THE MINING JOURNAL.

Sin,—I trust the appeal of Mr. Henwood to the public will not militate sgainst his claim to compensation, if he he not reinstated in his office.

The general answer of our purse-proud officials is, "if thou appealest unto Cassar unto Cassar thou shalt go." When, however, no redress can be obtained, we are driven to appeal to the justice of mankind at large, or our countrymen, in particular. Mr. Henwood is a man of the right stamp, and not one of those who have no sympathy with anything but a sickly sentimentality and a miserable cant where genuine British manhood is at a discount. It is gratifying to find that you have espoused his cause—nay, the cause of justice and equity, by bringing the matter a little more prominently forward, and I trust you will not lose sight of the subject until manhood has triumphed over a peany-wise and pound-foolish economy. I have had no communication with Mr. Henwood, and I trust be will pardon my writing on the subject.

A. T. J. M. Penzance, Nov. 2.

PATENT WIRE ROPE.

PATENT WIRE BOPK.

PATENT WIRE ROPE.

TO THE EDITOR OF THE MINIMO JOURNAL.

Siz.—I was surprised to peruse the notice in your last week's Journal, with reference to Messrs. A. Smith and Co.'s wire rope, and, without wishing to detract in the least from advantages I am ready to admit certain descriptions of wire rope to possess. I must certainly enter my protest against Smith's, to the exclusion of all others, being the all-perfect article you are pleased to describe. I hope, in the course of a week or so, to forward you particulars of experiments (as to cost and strength) now in course of operation in this heighbourhood, which will astenish those familiar only with statements hitherto made public.

Newcastle, Now, 3,

We should not have given inserting to the letter of our correspondent,

(We should not have given insertion to the letter of our correspondent, but that he has furnished his name (in confidence). We believe it is yet to be proved, that the wire sope manufactured by Messers. A. Smith and Co. is not the best. All we can say is, an far as our experience goes, that nothing yet has been brought forward which has superseded it, or proved superior. We have no bias, and shall be glad to receive our correspondent's "particulars of experiments," which, if ready, should have been furnished with his letter—if not acquired, then he has no right to contemplate "axionishing those familiar only with statements litherto made public." Time will show.]

# SOUTHAMPTON DOCK COMPANY.

SOUTHAMPTON DOCK COMPANY.

TO THE EDITOR OF THE MINITOR JOURNAL.

SIR,—The present letter contains a grave charge against the directors of the above company, to gain a temporary end, they appear to have deviated materially from "the truth." In the last "report "of the directors have the gratification to report that they have received and accepted Touchers for advances of money on the company's debenture bonds, under their Act of Parliament, and they satisficate now that the dock is getting into actual work, and the receipt of an income, these securities will be amight after as an eligible investment."—That the dock is not yet in actual work, and in the receipt of an income, and that the "Securities" are not yet sought after, in no matter of wander with me; of seach miscalculations of the Southampton Dock Directors, the proprietors have had very name rous instances already. But what I do complain of, is a deviation from the maxim—"Fedum impendier ever"—in that such advances of money upon the company's delecture bounds had not been made. Let the propeters inquire into this; if they care not for truth, let them decline inquiring, but I will not suppose that they will over tolerate those who deviate from truth. That there may be no mistake in the matter, I tell not desprise that they will over tolerate those who deviate from truth. That there may be no mistake in the matter, I tell now before and date thereof, and the names of the parties (with their proper additions) to whom the asses abilitave been made, and of the same servers. In the 105th section of the Act of Incorporation, it is cancied, that "an entry or, monocial of every such mortgage or antigrament, containing the number and date thereof, and the names of the parties (with their proper additions) to whom the asses abilitave been made, and of the same becovered, tagether with the rate of interest the date thereof, be entrod in some bend to be kipd by the secretary of the said company, which said to remain a surface of the said company which had incomed th

RELATIVE EFFECTS OF AQUEOUS AND IGNEOUS AGENTS.

RELATIVE EFFECTS OF AQUEOUS AND IGNEOUS AGENTS.

TO VER EDITOR OF THE MINISO JOURNAL.

Six.—Permit, in your truly valuable columns, devoted to science, to introduce a few remarks, suggested by reading Mr. Lyall's Principile of Geology. Speaking of the origin of volcanic action, he observes—"The opusous and ignesses spents are antagonist froces—the squosue is bouring incomently to reduce the inequalities of the earth's surface to a bred, while the ignosus are equally active in removing the unevenous of the surface." I should have been disposed to have overlooked these truisms, did I not find, on further reading, that they were made subservient to the theory of the gradual elevation and depression—in continents and islands. It is an wadeniable fact, that elevated portions—the earth suffer degradation to a vast extent, and that much of the staterial thus abstracted from the hill and meantain back is carried into the plains, or into extuaries, ease, and lakes. The sea also, by its continued action upon particular shores, gradually encroaches upon those lands, and the waste is carried away; but, on the other hand, there are causes which preserve elevated regions of the earth are preserved from ines by a lasting coating of sea and snow; the middle, or cloudy regions suffer degradation to a small extent only, and the lower regions are generally covered with grasses, trees, and plants, which not only preserve the soil, but add continually to its quantities in the continued decomposition of their parts. Again, the material wasted or carried into seas, if of silicious qualifies, is disposed by the tides in vast aggregates, composition of their parts. Again, the waster is a share returned to the shores of forat Britain is washed away, souther and greater proportion is added by the decrease in volume documents in other common, where sedimentary depositions are forming in the water, and by the material which are continually throw up on the back was a substanced from elevated regions, and provide the shore of Great Britain i

Deford, Nov 2.

MINING IN SPAIN.

TO THE EDITOR OF THE MINING JOURNAL.

SIR,—At a time when attempts of no ordinary character are being made to induce our industrious Cornish miners to embark for "all-promising" Spain, on the promise of high wages and lengthcoed engagements, any information calculated to convey an idea of the system adopted in that country, and the nature and effects of the comploy to which they are about to proceed, cannot fail proving of the highest interest—at least, the following particulars, being so considered by soveral readers of your interesting Journal, I trust you will not fail devoting space to give them publicity in the mining districts, and if, by so doing, any portion of the misery, which I fear there is too much reason to apprehend, may be averted, I am sure the satisfaction will be as high to you as to me. The information here conveyed should, at all events, deter such as are inclined to proceed from so doing, until due inquiry be made, and satisfactory arrangements entered into, for the risk is, indeed, great, and the remuneration should be proportionate. When we find that 12½ per cent, of the population employed at the mines has been taken off in a space of five years, and, as is generally believed, chiefly from the deletarious effects of the employ to which the English miner is now destined, it is carely not worth while, for the sake of prospective advantages, of, at the utmost, a few years' duration, to risk the misery (or, perhaps, death) as detailed in those articles.

Landon, Nov. 3.

The erticless ferwarded by our correspondent will be found in another en-

London, Nov. 3.

(The articles forwarded by our correspondent will be found in another co-lemns. The truth of the statements, however, we are not at all prepare to confirm, but, as they contain much interesting information, we issue them, in the hope that they may attract the attention of some of our realers who may be enabled to verify or efectsurert their truth.)

# LEVELLING.

LEVELLING.

TO THE EDITION OF THE MINIMO JOURNAL.

Sin,—I have lately been engaged in levelling, for the purpose of taking up from a river, and bringing on a lest (for the purpose of working as overshot water wheel for draining a mino), a distance of two miles. It will probably be satisfactory to many of your practical readers, as wall a myself, if one of your scientific correspondents will state what allowing about he made on this occasion for the curvature of the earth, and has it should be applied, and, at the name time, favouring us with the general theorem for solving questions of this nature.

Chilington, Aire. 1.

NEW PATENT FOR IMPROVED FUEL, SMOKE COLLECT

FOR REPTOR OF PRO-AFFECT DOUBLES.

Sin,—In the list of new patents published in your last Jest find one, obtained during the month by Mr. C. T. Heles For,—In the list of new patents published in your last Jo not find one, obtained during the month by Mr. C. T. Holes on improved mode of using certain materials at fact; also use method for collecting the smoke or soot arising from the of such feel, which apparatus or method is applicable to smoke or soot erising from the ordinary combustion of fact application of the products arising from the combustion of fact application of the products arising from the combustion of the tomored materials, as a manner, and for other useful purposes.

I promume the comission must have been architectal, for the of the inventions have been architectal for the of the inventions have been architectal growth and an opportunity of tasting them, and, as such, I paid titled to a pince in your introuting work.

Chall IN SURREY (?)

Gracecharch alread, Nos. 2.

COAL IN SURREY (?)

TO THE EXPRESS OF THE MEETS OF THE ALL.

Sta.—Having heard the following relation from an acquaintence, I need you the particulars, as the fact may be important. My indoment states that about the year ISIS, during the excurations for the feethempter Railway at Principle, between Golfolised and Parabone, and about four makes from the station at Hartley-new, they discovered a deposit of coal of encoding quality; that he harst some portion on his own five; and that many presents in the neighbourhood obtained large quantities of it, and as more notice was taken of it that of the other noil throws out. The spot in question is just on the currency of the chair formation, and, consequently, vanily too high in the sprine of strain for the development of coal. If such was the fact (and I cannot doubt the variety of my h-

Lake Mi the direc the territ the wet a

ertation is e ir a great pa ine lumber it ire load of tweethers part and of Rock sat route, a ine Rock Riv ana would

et, or when too, wool spring, to h it would

ad one to the from the minute in C. I., autimore her tool, I. 9 Wee limes. For the mon-in the Face on the Face and one one overlying he in thinks

which deposit, which, from poculiar circumstances, has become an insustant peat, or imported onel, or liquite? or in it possible that it can be a struggling outerop of the nearest regular coal deposit, which, assording to peological map, would be Kingwood, near Bristol, about eighty mine from the spot? Some of your numerous geological readers who may be acquainted with that part of the kingdon, will, perhaps, favour us with their opinions on the subject, and inform us if there are any indications of its extension beyond the spot named.

A Tyro in Grology.

PATENT WIRE ROPE.

PATENT WIRE ROPE.

SIR,—Colving your notice, in last week's Journal, attributing to its rope of passession of qualities very far beyond those of any other secription of similar material employed in mining districts, I must beg array your attention to Mesars. B. Edge and Son's flat chains (some citiculars of which I inclose), and the superiority of which has only to a known in those districts where they have not been introduced to be ighly appreciated; indeed, I have known many instances where the flat hains of Mesars. Edge and Son succeeded admirably where the wire rope as entirely failed.

Gateshead, Nov. 1.

re, to eipler ver—
ne lane l

n, the sed by sains: maning e most ed de-anifest saters; atters; while er and a, and a em-forma-

d geo-ch still ement. e self-a, and

ranean or ani-i most ocean

n proeds beer the
in the
L. The
—it is
he re-

gan in is, in penred it gave ever.

made ising " ta, any in that about he fol-derest-

nisery i, I au matios

1940314 th

(We are obliged to our correspondent for the information conveyed in his edge, but, while we give it insertion, we must decline that of the " particular." We do not, for a moment, entertain a doubt but that the chains of fearer. Edge is all that can be required, but we must have accurate data on shich to ground an opinion ere we can determine in favour of the one or ther. As the letter of our correspondent is anonymous, our request is rended the more necessary—at the same time, we may observe, that we will be ready insertion to the " particulars," if duly authenticated, and leave or readers to judge.]

## MINING IN AMERICA.

ON THE WISCONSIN AND MISSOURI LEAD REGION.

[Continued from hast week's Journal.]

Attention is now directed to the probability of ports on the lakes becoming hipping points for Wisconsin lead. In this case, those mines farthest east sould be the most important—these are on Sugar Creek, and a reverberatory-treace has lately been put in operation there. No great confidence, however, is expressed by the miners generally in the continuance of the orea—I his not see them; they lie about 100 miles west of Racine, the nearest port, a Lake Michigan, to which runs the national road, finished to Rock River, as the direct way to the mines at Sugar Creek. This is one of the best roads a the territory; all the guillies are bridged over, and, excepting a few months is the wet senson, is very passable. I have made the following estimate, now which some idea may be obtained of the expense of hauling lead across is country:—

\*\*\*\*

\*\*Hatimated expenses of hauling lead 100 miles east to Racine, too horses or mules better) with hand two tons and come back in eight days, will eat a bushed of oats to a span of horses, or half a bushed to a span of mores, or half a bushed to a span of mores, or half a bushed to a span of mores, or half a bushed to a span of mores, or half a bushed to a span of mores, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of mules, per day. Out worth, at the most, in the castern part of the territory, 38 counts.

\*\*Toole amount of oats for foor horses.\*\*

\*\*Toole amount of oats for foor horses.\*\*

\*\*Toole amount of oats for foor horses.\*\*

\*\*Toole amount of oats for foor horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of horses, or half a bushed to a span of hal

Now, between the lake and Rock River country, no little amount of transtration is constantly going on, and the back loads, therefore, would pay
the a great part of the whole expense. The price for hauling store goods and
the lumber to Janeaville, on Rock River, is 50 cents per cut., equal to \$20
spaces, or load of two tons. When it is remembered that all the pine used in the
suthern part of Wisconsin and northern part of Illinois, in the neighbourbot the set route, and when also the rapid increase of that most favoured district,
is Rock River country, is remembered, confidence may be felt that a line of
the River country, is remembered, confidence may be felt that a line of
the set route, and when also the rapid increase of that most favoured district,
is Rock River country, is remembered, confidence may be felt that a line of
the set route, and when also the rapid increase of that most favoured district,
is Rock River country, is remembered, confidence may be felt that a line of
the set in the set of th

new was d'31. 75. The difference, and a large balance for my under sailthe texpense from the lake in New York, would be supplied by the
hinds, the of the expense from the lake in New York and the supplied by the
hinds subject is emitted to the more serious ensaileration, from the fact
the lead now used throughout the whole country beeckering on the great
the land now used throughout the whole country beeckering on the great
the land now used throughout the whole Cuinca. To supply should
the subject it is not lead to dearly the whole Union. To supply should
the mediately to this wast region—thus saving the expense it runs up
through now taken from the lower at Helena, on the Wisconsin River's
tons the country to Milwankie, but more should still available to the traiting,
a fifter making the long tour to the south and east. The great availage
is, tam, would be an abilitional advantage of this rough. It is open so easily
as it would be on its way first from the latter port.

I the land would get to New York as soon as from Gainea, alspit it would be on its way feet from the latter port.

I the land has not been colorated for a canal to be constructed from Milwankie
to will an from the victory and of the colorate of the colorate of the colorate of the color the west of the colorate of the

that the linearisans and standardam has here according to the here deposited by where the granife was in its present position; but, of the Americans, and some the fact of an establic vestor, and state the proof of entants, I am into the equipment of the proof of entants, I am into the equipment of the proof of entants, I am into the equipment of the proof of entants, I am into the the equipment of entants, I am into the equipment of entants, I am into the equipment of experiment of exper

knews wells in the primary rocks one; and also is vertical fluores in the immether, either in lones "chanks" in the clay which fills those ficances, on in regular horizontal layers at faterwils across them, or increasing the walls of the fistures open out into what appears to have been a large cave, new filled with clay and missered, the own increase super space. These caves are often of large size, and constitutes an empty space. These caves are often of large size, large enough to abalit wheelbarrows or earls, and the increatation of a foot or more of galess round their walls affects no small predit to the proprietors and missers. After working through these large openings they are found to shout accurity no, inevire only a crack with a thread of oce, and this often issue on through magnetishle rock to a rick vain arvin, and to other chambers. The richest mise now wrought in Missouri-Valles and Perry's, in the southers part of Jefferson County—is of this charuster. Shafts have been such into the hill 110 feet, and adits driven into the hill sides.

In general the workings are very superficial, much of the ore being raised from the clay diggings, which believe extend to the depth of twesty freet, lieve the ore is in a horizontal position in the clay, as I restarked, and lies in this sheets of limited and varying width, soldom exceeding thirty freet, and they are, probably, always in or connected with one of these features to common in the linearisms. Throughout the several containts which are occupied with this formation, the miser recogaises a precunitie which are occupied with this formation, the miser recogaises a precunitie which are occupied with this formation, the miser recogaises a precunity to the fissures by the abundance of the poeuliar red day, of the hematite iron ore, and of the hortroidal and manufiliary masses of quartz rock, and the exact pointion of the fissure is hope of its yielding a rich return of ore, and all without surcess; but, by continuing their work, if their means allow of this th

# MINING CORRESPONDENCE. ENGLISH MINES.

ENGLISH MINES.

HOLMBURH MINING COMPANY.

Oct. 31.—I beg leave to inform you that, in Hitchina's shaft, below the niacty fathom level, the ground continues favourable, and is sinking with good progress. In the 110 fathom level weat the lode is ten inches wide, and worth 71, per fathom; the lode in the winze, sinking below this level, is small, and yielding but little ore. In the 100 fathom level west the lode is sightsen inches wide, and worth 221, per fathom; at this level east the lode is small and unproductive; the lode in the castern stopes, in the back of this level, is two fret wide, and worth 401, per fathom; the lode is the western stopes, in the back of ditto, is two fret wide, and worth 491, per fathom. In the ninety fathom level west we have been driving through the large cross-cut course, and are now cross-cutting to the lode; the losic in the onstern stopes, in the back of this level, is contreas inches wide, and worth 191, per fathom; the lode in the western stopes, in the back of ditto, is fourteen inches wide, and worth 191, per fathom; the lode is the western stopes, in the back of ditto, is gighteen inches wide, and worth 191, per fathom. In the cighty fathom level cast the lode is fifteen inches wide, and producing good stones of ore; the lode in the stopes, in the hack of ditto, is fourteen inches wide, and worth 191, per fathom. In the single wide, and producing good stones of ore; the lode in the stopes, in the hack of ditto, is fourteen inches wide, and worth 191, per fathom. In the single wide, and contreas inches wide, and worth 191, per fathom. In the single wide, and grounding looks, and sampled October over, computed 202 toes, of good quality.

F. Pillilips.

TREFOLLAR MENTES COMPANY.

PRESCOLLAN MENTES COMPANY.

Oct. 31.—The lode is the forty fathoon level, y reat of Williams's shaft, is twenty inches wide—good tribute ground; the lode in the rise, to the back of this level, is eight inches wide—tribute ground. Henwood's shaft is down to the foety fathom level; we have commenced driving sast and most on the lode; the lode in the west end is twenty inches wide—good tribute ground; the lode in the cast end is fifteen inches wide—good tribute ground. We have not yet discovered the lode to the cross-good tribute ground. We have not yet discovered the lode to the cross-good tribute ground, as an end quantity of ore. The tin lode which we are stoping in the back of the adit, east of Moreom's shaft, is eight feet wide—very good tin ground.

TREGOLLAN MINING COMPANY.

wide, producing but little ore.

FINCROFF MINING COMPANY.

Oct. 31.—We have just commenced deving out and weed at it them level (new engine-shaft); the east out will produce about ore per fathom, with a promising appearance; there is a good blottom of the west and which appears to get higher up as we dwars sinking under the fifty, to the east of the shaft, continued, worth of, per fathom. The fifty east in at present unproductively west is worth about 50. per fathom. The facty west in, on improving, though not yet rich. The wiene is the bottom of a worth about 30. per fathom. A pitch in the back of the fifty has improved since my last; other places in this part of the mine it tionary. The seventy-two, in old mine, evaluates to look well, I and copper ore; we have not as yet cut the lade by driving no eighty-one, but are now getting very near to it. At Paimer's, de at the fifty-dre fathom level from surface, we find some good state the lode, with pleuty of mondle and jack—a very promising shall commences sinking the shaft again in a few days, on the wheat pects continue good.

We

mall commence sinking the shalt again in a few days, on the whole our pecks continue good.

COMMUNIAN MINING COMPANY.

Get. 31.—During the past week we have been engaged in sending de the large pitwork to the seventy fathom level, and making other seems a literations in the engine-shaft, and are now in a very satisfactory condition seems any wet season, consequently have not opened much in the better level; it remains much the same as it reported last week. Chiverton lade the sixty fathom level, is one feat wide, producing good work; I do not a culate this to be the westrum of lead by some fathoms. Having out into north lode occasionally in this level, we are now opening it through in several places for the convenience of pitcheswoor prospects here hold goe we find a distinct and pseudiar change, both in the ground and lode, has the place three or four fathoms above the sixty. I said in my last report, a prospecta are very encouraging for the neventy—I am happy to say it is more so. Perhaps you are anxious to know the result of the south lade, the forty fathom level; it proved to be a lane of lead running almost he soutal, making a little below, and six fret above the forty fathom level, and though proper to suspend it for the present, in working the pitches may show a sout a session did it for the present, in working the pitches may show a sout a session did to the trouble you for a steam-whim soon. We a now ready to sink for an eighty fathom level, only waiting your order; plan let me know whether we shall commence sinking against Friday naxt, as is our setting day, when we might set the shaft—certainly these should no delay.

Tamas silvens-lead Mining Company.

is our setting-day, when we might set the shaft—certainly there shows no delay.

Oct. 31.—In the 125/fathom level the lode is eighteen inches wide, spages with ore throughout. In the 115 fathom level the lode is two foot wide, as first or which is good work. In the 105 fathom level the lode is two foot wide, as first of which is good work. In the 105 fathom level the lode is pose eighteen inches to two feet wide, producing orea, and promising. In the alacty-five fathom level the lode is six inches wide, every. In the sighty-five fathom level the lode is six inches wide, every. In the sighty-five fathom level the lode is not foot wide, saving work. In the fifty-five and the hole it ciphties in inches wide, chiefly compaced of fluor spar, intersperard with a fine ore. In the firsty-five fathom level the lode is two feet wide, carrying a smalleader of ores. On Saturday last was our monthly setting, and we have seen in our tribute department thirty four pitches, employing ninety-mes, on tribute varying from jd. to 15s. in the 11., on the value of the lead only, the also eleven bargains, employing firsty-from one on tutwork. We sampled in Friday last two parcels of rich aliver-lead ores, computed eighty-one hase and which is for sale on Wednesday, the 5th of November. At the north mine we have fround it necessary to divide down the shaft, and cut a cister plat, before we commence sinking, which will require mearly a first interplate.

TRELETIC CONDOLS MINING CONTANY.

TRELEIGH CONROLS MINING COMPANY.

J. SPRACE

With stones of ore, but disordered by the cross-course—we expect an provenent come. The Eighty West—We have about five fathoms to defere cutting the hole. The seventy west is three feet wide, with a hose of ore, and improving in appearance. The sixty fathom level is two se half feet wide, with stones of ore. The fifty west is much the came in a and appearance. The forty west is three feet wide, worth \$1. per fathom in each cud. The forty-four cust and west of a re-worth 10f. per fathom in each cud. The forty-four cust is also worth per fathom. The forty-four west in worth 6f. per fathom; and the lost the thirty-four is worth \$4. per fathom.

H. RICHARDE

MINING NOTICES.

ing a degree of responsibility on a Journal in giving publicity to reports, which do not intend taking upon corrected.

Minuscu is Nonra Walka...—In addition to the information of the mescatal operations at Linaduckon Copper Mines, published in the Journal last week, from the letter of a corresponderd, we extract the following for the Correction of the grand project of entiting a tunnel through interior of Linaduckon Mountain, leading to the colebrated supper works, i just been completed. This important undertaking reflects great sredit on conterprining spirit of the prespectators. E. Lloyd, King., of Corl, and W. A. Worthicaton. Engre, of Whitchwork i and also upon their agents. I Thomas Jones and Captain Davey, notice whose superintendence the me has been brought to a secondard occilence. The tunnel was commenced February, 1834, and has been worked by twelve miners alternatively, days night. It is cut in a straight line, measuring on less than of yards, and supplied with air by a windpipe, through a shaft, out from above. It is on structed with an archaef sood, and it six and a haif feet high. It was known to the workmen for some days past, that they were apprecasing the bound of the oid works, the side of which steed in an oldique position with reference the tomas. The minors were directed to drill a hook through the side, wh found its way last the confined water, in about 65 first. Two additional to were then out above, of summwhat better than an inch dismester respective and instantly the water burst through, with great valuely, in a signal of the aid water, in about 65 first. Two additional to were then out above, of summwhat hetter than an inch dismester respective and instantly the water burst through, with great valuely, in a signal of the summer bereafth, was vacuated by this means from through the tunnel line of earset. It was computed that a body of water, you fast to dopth, and grindless and experience in mining have given universal asinfaction. These is easier to a successful and the summer beauty

France or Dean Coal-Field,—It is a gestifying fact in us to be a generally for the use readers that one enterprising eeighbours, T. Prothers, and fite Thomas Phillips, will immediately legin to rang a risk seward their opicited appendation in the Forest of Dean. The Great Warters Works, though it is but a twelvementh since their perfection, here this struck the facest and hest voic of coal in the Forest—the Park-sed hard must, and will almost immediately begin shipping. We heartily wish encount.—Morita.

In the easily sent of the week the sales of British ensurities were of an drifting a stage as to se hardly emficient to hope up the questions, but a few purchases by to theorymment between, we Wednerday, nather between the at sew purchases by the flowers of the stage of the sales of the sales of the English socurities an Tearwing and Vider, in the roing (seventse), can an average, about 100,000 ft. per work derived the sales of the sales of the English socurities an Tearwing and Vider, in the sales of the s

### BFGCK BECHANGE, Salurday morning, Twelve of clock.

\*\*monin Mousey, 602 §

\*\*Dates Associate, 502 §

\*\*Dates Associate, 503 §

\*\*Dates, 5 per Cent., 503 §

\*\*Bassion, 5 per Cent., 103 §

\*\*Bassion, 5 per Cent., 103 §

\*\*Bassion, 5 per Cent., 103 §

\*\*Bassion, 5 per Cent., 104 §

\*\*Bassion, 5 per Cent., 104 §

\*\*Bassion, 5 per Cent., 105 §

\*\*Bassion, 5 per Cent., 1

The pressum on gold at Paris to 124 per units, which, at the English Mint price of 1, 17a, 1664, per connect for chandead gold, gives an enchange of 25 drs, and the excession of Paris on London at chiert being 25 dr, it follows that gold is er'd per creat, desert in London then in Paris.

By advices from Hamborgh the golden of gold is 435 per mark, which, at the English Mint price of 54. (7a, 164d, per counce for standard gold, gives an exchange of Life, and the exchange of Hamborgh in London than in Hamborgh in 16a, it follows that gold is o'd per count. Search in London than in Hamborgh is 16a, it follows that the per country of the gold in o'd per count. Search in London than in Hamborgh. The amorem of exchange at New York on London to the per count, and the par of tachange to tween England and Archive half of per count, at follows that he sachange in 14d per count, against England. But the quotied exchange at New York being for bills at to days' eight, the interest must be deducted from the above the property Marketing for bills at to days' eight, the interest must be deducted from the above the property Marketing and the parish of the property Marketing Parish.

PROMISSORY NOTES AND RULLION.—An account of the average aggregate amount of proseducty notes, payable to between developed, which have been in prediction in the United Kingdom, distinguishing those eleculated by the Sank of Registed, by private basels, and by picut-develop thanks of Registed and Wales, by the Sanks of Reland, and by all other banks is Irritant; and of the account of building the Sank of Sanks and and a secretar associated building the Sank of Sanks and the Sanks of Sanks of Irritant, and the Sanks of Sa

LATERT PRICES OF ISLASS STOCKS. — a per Cent. Consols. 924. to 921.; Sa Stock, Wil.; ditto New. 1806., 1604.; a) per Cent. Consols. 924. to 921.; Sa Stock, Wil.; ditto New. 1806., 1604.; a) per Cent. Schemtores. 921.; Bank Stock. 1741.— Histories and Stock. 1741.— Histories hank, 26.; horts Hank, 91.; Provincial Sank, 46.— City of Subrita Steam Company, 1661., date Stock. 1894. 491.— Steam Ship Subling Company, 1891.; Strike and Irak dittd, 181.— National Insurance Company, 2816.; Patriotic, 741.— Mining Company of Islands, 1216.; Wicklow Copper Mines, 1142.

See Bert Miller, St., Learn Commont, 162, - Learn Stephen, 162, - Learn St., 162, - Learn St., 163, -

BR DITOL, Funday.—Our market presents not feature worthy of notice, prime has ing been continuously desiring the present work, and but Blille business disince.—Great Western Railway, 484, to 644, 1, 48th, harden, 614, to 644, 1, 48th, hither, 74, to 64. Restort and Exeter, 464, to 644, 1, Bernicol and Giomerester, 164, to 64, 1, Bernicol and Giomerester, 164, to 641, 1 Chellemban and Giomerester, 464, to 414, Bernicoland and Derby, 464, to 621, 1 Chellemban Union, 364, to 741, 1 Tall Volte, 661, to 624, 1, London and Brighton, 364, to 544, Lander or Concession, 56, to 61, a 61, collected Gio Compuny, 564, to 564, 1 Gibron, 244, to 544, 1.

# SALE OF COPPAR ORDS IN CORNWALL. Sampled Oct. 19, and Sold at Andree's Hotel, Redrath, Noc. 2.

Miner.	Tons.	Price.	Purchasers.	Mines.	Tons.	Price.	Purchasers.
H. Borket			. Williams.	Longolose			. Williams.
alitho.	110	5 17 6		E. Hasset .	. 454 .		L. VITIABL.
408m	196		, cooks	ditto	404.		L. Nevill & Cu
ditio	. 100	5 19 6.	. Viviana.	ditto	80 .		. Roglish Co.
ditte			. Williams.	ditto	40 .	4 4 4	L. Nevill & Co
dicto	86	6 8 6	. P. Greufniln.	- ditto -	M	4 3 4	Williams.
ditte	#2	A 1# 6.	. Virians.	ditte	20		. P. Grenfells
4itte	78	7 7 0.	. Minos Royal	P. Consols	103	5 15 1	Williams.
4000	55	6 5 0.	. Williams.	ditto	Int	6 1 6	
Commodis	88		. P. Grenfella.	ditto	21		P. Greafells
ditto	58	6 2 4.	Williams.	Trewseas	104	4 18 4	Williams.
ditte	100	6 16 6	. Viviane.	ditto	560		. Vivinos.
ditto	140	4 15 %	. Navill & Co.	ditto	72	7 14 6	
ditte	£9		. Viviana	United H	. 107	3 8 4	Mines Roys
ditte	96	6 2 6	. P. Grenfells.	ditto	26 .	8 2 4	Vivians.
ditto	#2		. Williams.	dirto	28		. Williams.
dittu	64 .	11 16 6.	. Virians.	ditte	81	3 2 0	Viviana.
ditto	43	A 16 6.	and the same	ditto	Al	4 1 6	. Mines Roys
4880	53		Williams.	ditto	200		
L. Roskes	E 94	1 13 0.	. Virians.	Hallenbeng	.85	2 1 0	Williams.
ditto	76	6 11 6	. Williams.	ditto	81	5 8 6	-
ditto	71		-	ditto	10	4 3 6	P. Grenfella
Wh.Chan			Virtual.	ditte	36	4 1 0	
Wit. Gerr		4 15 0.	Williams.	ditto	19	1	
			Vivians.	Fewer C. 1	20	A 9 8	Williams.
diffo	40 .	8 7 6.	. P. Granfalla.	ditto	79	6 3 6	Amount .
4950	54		Vivians.	East Fool	300	6 3 4	. P. Greufella
diffe	44		Mines floval	ditte	58		. Freemans.
ditto	70		Virians.	ditto	41		Williams.
ditto	20 .		Williams.	ditto	13		. Freemans.
ditto	36		. Navili & Co.	ditto	18		Nevill & Co.
ditto	35		-	Tretoli	Bb		
dillo	17		Viviana.	ditto	56		Francisco.
diffe	17		P. Granfella.	W. Harriet			Vivians.
East Croft			Nevill & Co.	ditto	49	8 12 6	Nevill & Co.
diffe	M				.al	4 9 0	P. Groufells.
diffo	50	A 13 6.	(Mexical)	Harmony .	11		Viviana.
Longulose			P. Grenfella.		9	1 18 6	
-			TOTAL P		- 10		

#1655 \$ 0 ... 1048 3 0 ... 917 1 6 ... 1154 3 6 ... 504 10 6 ... 504 2 6 ... 226 19 0 ... 71 4 6

# COMPANIES BY WHOM THE ORES WERE PUBCHASED.

Committee of the Commit	Tone.		Ame	man	k.
Mines Royal Company	264 .	******	# I have		
English Copper Company	88 .		500	3	6
Vivian and Suns	1196A .		6854		
Presman and Co	118		554		
P. Grenfell and Sons	474 .		4178	4	
Sime, Willyams, Neville, Druce, and Co	ATTA .		2544	15	
Williams, Foster, and Co	logg .		Locate	2	6
Property of the second	-		-	-	-

Copper over for cale on Thorselay next, at Andrew's Hotel, Redreth.—Mines and Parvelo.—Wheat Pricedoking, 355; Marver's Ore, 255; Wheat Darlington, 556; Freery Cancela; 161; Levant, 100; Wheat Buller, 260; Wheat Barlington, 556; Britaliach, 166; Providence Mines, 25; Wheat Providence, 44; Wheat Barrow, 31; Wheat Mary, 36; Wheat Spanishers, 44; Wheat Barrow, 31; Wheat Mary, 36; Wheat Spanishers, 46; Wheat Barrow, 31; Wheat Mary, 36; Wheat Charles, 7.—Total, 323; Stone.

Copper over for agic on Thorselay, 7.—Total, 323; Stone.

Copper over for agic on Thorselay, 7.—Total, 323; Stone.

Copper over for agic on Thorselay work, 57 Pearve's Hotel, Trues.—Mines and Parcels.—Tremerers, 756; Poblice, 657; Wheat Jewel, 261; Par Consols, 271; Power Consols, 255; Holminosh, 562; Williams's Earl Bown, 155; Creey Revers, 156; Wheat Market Madden, 57; Wheat Heavy, 37; Wheat Toigus, 15; Wheat Barnott, p.—Total, 3170 tone.

# LATEST CURRENT PRICES OF METALS. LONDON, NOVEMBER 4, 1842.

4 . 6	A control of the control of the first terms of the first	- 46	Bu.	4
Spanrage-Poreign, ton 0 0 0 to 20 0 0	Corres-OM per ib.			
" For deflovery 28 10 0	Cake p. ton 6 c 6 to	KŽ.		
Erac-English sheet	For cake a a se	84		
Quicastavan per lb. # 4 0	. As tile All 0 0 to	84		
laur-English bar, &c p. ton & 15 6	Tru-English, blucks, Ac. owt.	8		
Mail rods		8	86	
	. Foreign, Banca 0 0 0	3		
. Sheets 9 5 0 9 15 0	m Straits 1 0		3	
Caryo la Wales u 0 0 5 0 0	Peruvian 2 8 0	2	14	
" Pig. No. 1, Waire 3 10 0 2 15 0	The plates, No. 107 p. berg 1 4 o	- 1	10	
No. 1, Clyde e e e g ju e		1	18	
For . Swedish 0 0 0 11 0 0	- wasters its, p. box loss		-	-
Bosoiso, curp 16 0 0	Loan-Sheet milled p. ton	14	4	
The second secon		-	2	2
to the PAS and the form	a Rhot, patent	24	2	-
Courted 14 * *	to Red care conservation a	25		
" Atchangel Il to c	White	34		
Brees-Swedish boy p. top 17 to 6	Pro-Lean-English 17 0 0	1.7	3	
. Farget . 0 c a 16 0 0	an Romaniah	12 1	15	
Consess - Bootlish should for the 194	American 0 0 0	12		-

No.	SHOKAR" DOE S	ME WHEN DESIGN	of Lpstage:	I have, was	B 500 200	HOME
Bi	from pooling for	Hamburgh .		12100111	4,500	DESCRIPTION.
	-	Britisch Wast				- 60
90	lower bases to	Hambergh		careeres 4	15,326	100
- 694	saled streets. Box 1	by Ottack, William 1.	au Million		44	

SALE OF COPPER ORBS AT SWAMS

PRICES OF MINING SHARES.

In British Mine shares the sales hare been very triding, merally consisting of Wineal Jewel shares at 7½, and Trugolian at 17. In this latter mine it is necessary to explain the great difference between the quotation of last week and the present. If appears that the deep shares have been connellisated into 150; the poles of the shares with the original number was ½, which would make the value of the outside land. The price of the concollisated shares, 170, on 125 shares, reduces the value of the outside shares, 170, on 125 shares, reduces the value of the outside shares, 170, on 125 shares, reduces the value of the outside shares, 170, on 125 shares, reduces the value of the outside shares, 170, on 125 shares, reduces the value of the outside shares of the

BRITISH MINES.	BRITISH MINES-confined
Sharas. Company. Paid. Price	Shares.   Company. Paid. Price
600 Anglessy	6,000 Tin Croft 7 .46
4,600 Bedford 8 14 2	120 Trewards
100 Botallack	170 Treviskey and Barrier 300
20,000 British Iron 70 . 65dir	96 Tresavens
8,000 Binenaron 50	120 Trethellan 170
120 Brewer	4,000 United Hills b 34
79 Hadnick	5,845 West Wheal Jewet 10 76
1,000 Carn Brea	120 West Trethellan 73 25
3,000 Con. Tretnil MiningAss. 4 12	33 Wheal Vor
2.00 Cornubian Lead Co 2 . 2	1,000 West Carbery 15 12
1,000 Cornwall Great United 104	
\$12 Cook's Kitchen 50	FOREIGN MINES.
112 Charlestown	5,000 Alten Mining Company 134. 4
128 Croop Braws 4d .335	10,000 Anglo Mexican Co 100 44
128 Cosheen 15 25	-5,374 Do. Subscription 25 21 1
18,000 DarhamCountyCoalCo. 27 9	2,000 Bolanos 156 54
2:0 Diamond 5 6	Ditto Serip 15 15
12f East Pool 360	10,000 Brazilian Imperial 21 194
100 Great Consols 97 706	10,000 Bolivar
18,000 Hiberman 124 24	10,000 Ditto Scrip 10 . 2
1,000 Holmbush 14 40	10,000 Cata Branca   Brazilian #4.,
2,000 Isle of Sark (Goernary) 11 s	10,000 Conceicao. J Co. 4
#0 Levant450	12,000 Cobre CopperCompany 40 29
20,000 Mining Co. of Ireland 7 154	8,500 Colombian Co. regia 25 2
126 Mostyn Mines 100	10,000 Copiapo Mining Co 134 . 10
70 North Roskest 200	20,000 General Mining Asso. 20 , 4
3.000 Polherou Censols 10 . 4	5,551 Mexican Company 10g. 1
100 Rosewall Hill	12,000 Mocanhan and Cocaes 25 44
129 Bouth Caradon	14.509   Real del Monte, regia. 534 14
soo South Towas 10 1	the unregulation
64 SouthWheai Baset 500	7,000 Hoval Santis, 0 10 25
57 Speam Moor 70 100	7,000 Royal Santis, c 10 35
135 Tregolian 17	so,000 United Mexican 40 14
4.600 Treleigh Consols 5 14	Block Jerip, add capital \$ 19
6.000 TumarConsols 3 11 7	Roc New Setip 24. 24.
and barrier community to ter a sett 2	non real mails seems that the

RAILWAY SHARE LIST AND TRAFFIC RETURNS.

The sales in Railway Shares, though tolerably numerous during the week, about little or no fluctoation, they having remained firm at the quotations given in last, if we except the following:— Hull and fieldy, x2j—the last quotation being a 62j—the only railway meeting that has taken adulting the past week has been an adportuned use of the proprietors, at the West L doo, which the chairman truly stated to be quite unoncessary, athough it may be a fine proprietor, by the projectory of the a shares were becoming very numerous. The advantages offered to the holders these new shares are such, that the proprietors, by taking their quota, should prent them from being thrown upon the market, and thus allow strangers to on for the thole prefit of the line, since there is no chance of the original sharever obtaining a dividend.

Line.	Entire Leth.					Returns.
Arbroath and Forfar Railway	15	18	# 181,645	25	23	£141 8 11
Birmingham & Derby June.	46	884	863,644	100	414	1294 7 8
Sirmingham and Gloucester	324	81	1,613,723	100	40	1962 6 4
Brandling Junction	25	25	437,694	45	APRIL 1	875 9 4
Chester and Birkenbead	144	141	436,664	-50	80	336 18 .
Dublin and Kingstown	. 6	6	200,266	Line	274	605 B S
Dundes and Arbroath	148	161	134,034	- 26	25	198 19 A
Eastern Counties*	1264	174	1,476,170	. 23	44	918 17 6
Edioburgh and Glasgow	46	46	1,288,284	40	414	1777 3 9
Slasgow and Ayr	16	40	600,543	45	40	876 1 18
linegow and Painley Joint	724	223	160,008	25	25	678 9 9
id. June. & Chester & Crowe	1154	1152	2,192,647	100	179	C'13 19 4
Frent North of England	74	440.0	1,000,000	100	624	1926 13 4
ireat Western	110	110	4,288,844	100	-666	telles ed a
layle	16	14	135,000	100	- 000	eringe.
full and Seiby	21	81	450,040	50	384	936 18 18
aneaster & Preston June.	204	204	251,000	475	22.	11
iverpool and Maschooler	31	81	1,410,000	100	100	4086 7 A
emdon and Birmingham	1174	1124	8,724,607	90 1	100	10474 10 0
continu and Blackwall	- 44	84	867,688	25	4	848 35 .
conden and Brighton	46	45.8	2,464,530	840	200	4163 A S
condon and Crowdon	164	104	347,9672 A	159 6	10	262 11 8
enden and Greenwich	34	2	790,466	20	- 3	915 17 9
corden and South Western	90	22	7,785,882	ARE	899	9431 A 16
fanchester, Bolton, & Bury	10 1	10	279,006	165	346	549 7-61
fauctionter & Birmingham	45	4.1	1,106,012	46	200	2302 1 A
fanchester and Londs	ão.	50	2,575,504	79	42	4351 19 11
didfand Counties	2.7	87	1,446,000	100	- 15	2645 IL 41
precestle and Carlisie	dog.	654	730,000	100	94	156s 14 88.
igweentle and N. Shields	. 7	2	252,477	34	44	360 16 11
orthern and Hastern?	204	154	584,513	40	284	1107 6 11
lorth Midland	729	729	2,3(20,497	100	41	200E 9 18
orth Unions	25	55	10,100	25	204	804 13 6
veston and Wyre	154	194	270,000	-44	50	161 47 6
hoffield and Manchester	40	2"	351,527	MIA-1	324	167 1 10
soth Eastern	42 1	40	1,073,468	54	22	1532 9 19
of Vale	200	198	3.89,728	100	70.1	149 7
later	95		224,243	725	1 22.1	499 14 115

\* Including Northern and Eastern Railway toll. ? Root and toll in Eastern Railway toll. ? Root and toll in Eastern Manchester toll is declarated.

The business in Bunk Sharas has not at all improved, being word ineignd and conduced to the London and Westminsday, at 20p; London Joint. Stock big; Union of Australia, new shares, ill, 20t, paid, and ditto, 25t paid, at 45 price of the Shara of Curiou shares is quotest at par.

	Company, Paki.	Price	Shares.	Conspany	Paol.	Pil
15,000	Ametralania 40	B28	34,890	Liverpool Burough.	. 10	. B
24,000	Birmingham 10	Img i 9	35,740	Ditto Bank of	. 133.	. 79
24,000 (	Settlish N. American 46	26.4	12,000	Ditto Bucking Co.	10	
19,000 1	Cheitenh. & Gitracesh. 5		50,000	Ditto Commercial	10 1	0.12
\$00,000	Commercial of Eng., A .	7000	2,500	Ditto Royal	. 300	457
1,000	Conyects, of London 200	178	100,010	Manch, & Liver. Die	h Ston	118
24,//80 (	Colombales contained 25	28	100,000	Manchester	. 18.4	K 199
\$4,000	East of England 10	7.4	265,7676	Manchester & ballet	M LEC.	NII.
15,000 (	Comconterative 10	296		Nuttional of frehund.		
4,660	Dostan,	2%	10,000	Natt. Poyel. Englan	1 3 E	
Exution I	Londo Backing Co Lt	1.0	10,000	North Athenda Wale	15.0	
20,000 1	Levels & Word Riding 44	10	30,800	Provincial of Indian		
34,666 [	London & Westminst, 10	E18	26,000	South Laurania		
	London John Stock 10 .	EB4	26,1498	W of Eng A & Wat		
20,000 1	London and County 14		20,198	Clarical or Assists		
11,808	Liverpood Albien 25	DOG-	44,000	Coolean of Long		

Darra.	Chargenty,	Paid.	Price.	Blacos	Comp.
is into /	Angles Muchrael Mint	20	514		Hadepertons a
U_000 /	Audit Dry But	188	2	1,686	Loren, C. rests. Marries
10,800 A	Aughorite (Cherolige)			1,660	London Corn Ro.
0,000	Arrests Ton Concenty	528	86	0,7400	London Constitue
HARLES A	Arestroll Agricultural.	266T/30.1	200		Louding Company
AUTON I	Station Streets		Jan 1	E,090	Loop, Biover, Co Ami
SUBJECT P	Filtramons Beschmad	86	6	13,000	Max. Part, World Punts.
n_rater .	Ditter Polersonen.	7 .	- 6	24,60	Mirahus & R. American A.
6,000 1	Book Amore Laure Cts.	234	54	165	New Presservick Ld., 40
6,000 F	1990, Lunio & Disc. Exel	C 150-	10	5,367	Represey Stat. Streetery 1989
5,63%	2001. Roses & Pal. Ball.	. 38 cc	Eng :		Rhand trell brough PM, 36
AUDIO F	Devade Sand Co	-816	38	2,596	Signals in Broom Photosology   485 or
Auton 1	E. C. of Con. Amer. Date	_ Se	20	14,899	bounds & committees - in the co.
	Pared World Pares 50/5		102	5,695	SOLLA STATISTICS CONTROLS AND
	Department to Bureau, Sturi.		87	A. Steel	Theolisps Paramed
	Suits. Blueste Flaming		214	20,016	Was Distincted to Lordoff "Miles
Joseph Co.	co. Bayer: Del. Box.	1400 _	86	4,500	W. Louis & Woman Comb., Vol. of